

CLAIM AMENDMENTS

1 - 2. (canceled)

1 3. (previously presented) The bone screw according to
2 claim 12 wherein in the second screwthread portion and in the third
3 screwthread portion every 360° several recesses are formed.
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1 4. (previously presented) The bone screw according to
2 claim 3 wherein every 360° three recesses are formed.

1 5. (previously presented) The bone screw according to
2 claim 12 wherein each recess extends as a chord toward the screw
3 shank from the cutting edges of the second screwthread portion and
4 of the third screwthread portion and joins in an arc again the
5 respective cutting edge.

6 - 8. (canceled)

1 9. (previously presented) The bone screw according to
2 claim 12 wherein the second screwthread portion comprises three
3 turns.

1 10. (previously presented) The bone screw according to
2 claim 12 wherein lengths of the cutting edges of the turns of the
3 second screwthread portion are constant.

11. (canceled)

1 12. (currently amended) A bone screw comprising:
2 an elongated cylindrical shank having a free end and at
3 an opposite end a screw head;

4 a screwthread extending generally helically along the
5 shank from the free end toward the screw head and itself having
6 a first screwthread portion extending from the free
7 end toward the screw head, comprising three
8 turns, and forming a generally continuous and
9 smooth cutting edge,
10 a second screwthread portion extending from the
11 first portion toward the screw head and formed
12 of a plurality of turns each formed with at
13 least one outwardly open recess, the recesses
14 being of increasing angular dimension away from
15 the free end, and
16 a third screwthread portion extending from the
17 second portion to the screw head and formed of
18 a plurality of turns each formed with at least
19 one outwardly open recesses, all of the

20 recesses of the third portion being of
21 generally the same angular dimension.

1 13. (previously presented) The bone screw defined in
2 claim 12 wherein the angular dimension of the recesses of the third
3 portion corresponds substantially to the angular dimension of that
4 turn of the second portion closest to the third portion.